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(71) Applicant: **HAMAMATSU PHOTONICS K.K.**  
**Shizuoka-ken (JP)**

(72) Inventors:  
• **Hosoi, Shigeru**  
**Hamamatsu-shi, Shizuoka-ken (JP)**

• **Fukami, Tadashi**  
**Hamamatsu-shi, Shizuoka-ken (JP)**  
• **Hiyoshi, Makiko**  
**Hamamatsu-shi, Shizuoka-ken (JP)**

(74) Representative: **West, Alan Harry et al**  
**R.G.C. Jenkins & Co.**  
**26 Caxton Street**  
**London SW1H 0RJ (GB)**

(54) **Method of determining base sequence of nucleic acid**

(57) A method of determining the base sequence of single-stranded nucleic acid, including: a first step of hybridizing each of plural primers comprising oligonucleotide, with a template comprising a single-stranded nucleic acid to be examined, thereby to form a complex having a double-stranded portion comprising a portion of the template and the primer, the plural primers being separately disposed in a plurality of regions in accordance with the kinds of the primers; a second step of substantially simultaneously adding plural kinds of nucle-

otides or nucleotide analogues to the complexes respectively disposed in the plural regions, thereby to perform growth reaction of the primer with the nucleic acid to be examined as the template in a direction of from 5' to 3' of the primer, the plural kinds of nucleotides or nucleotide analogues being complementary to nucleotides constituting the template in the complex, and being capable of forming base pair with nucleotides constituting the template; and a third step of detecting the amount of the growth of the primers.

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## EUROPEAN SEARCH REPORT

Application Number  
EP 95 30 0468

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cls)
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P,X	WO 94 11530 A (UNIV BOSTON) * claims 5,6; figure 5; example 6 * -/--	1-3,5-7	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 8 April 1998	Examiner Molina Galan, E
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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Application Number  
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
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			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>8 April 1998</b>	Examiner <b>Molina Galan, E</b>
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>X : particularly relevant if taken alone  Y : particularly relevant if combined with another document of the same category  A : technological background  O : non-written disclosure  P : intermediate document</p> <p>T : theory or principle underlying the invention  E : earlier patent document, but published on, or after the filing date  D : document cited in the application  L : document cited for other reasons  &amp; : member of the same patent family, corresponding document</p>			

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